



1987-09

Naval Postgraduate School Graduation Exercises / Class of September 1987

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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*Commencement exercises graduation is
"ceremonies."*



NAVAL POSTGRADUATE SCHOOL

GRADUATION EXERCISES



THURSDAY 24 SEPTEMBER 1987 2:30 PM

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DEFENSE
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MONTEREY, CALIFORNIA 93943-5002

MISSION

"To conduct and direct advanced education of commissioned officers and to provide such other technical and professional instruction as may be prescribed to meet the needs of the Naval Service; and, in support of the foregoing, to foster and encourage a program of research in order to sustain academic excellence."

. . . ABOUT THE SCHOOL

The Naval Postgraduate School opened at Annapolis in 1909 and then shifted its location to Monterey in 1952. During that period of time it has conferred over 18,000 degrees. The typical student is a married U.S. Naval Officer who has completed an operational tour, is living in the nearby government housing, and is engaged in intensive studies leading to a master's degree in one of 42 different curricula. This student would spend 18 to 27 months here receiving a master's degree which has been specifically tailored to include certain educational skill requirements necessary for subsequent assignments. Students are obliged to remain in service for about four years after they complete their schooling. Although most of the Graduates receive master's degrees, there are normally a dozen or so students working on professional engineering degrees and another dozen or so on doctoral degrees.

Students arrive every quarter, although the heaviest inputs are in March and September. Of the approximately 1700 students now enrolled, 59% are in the United States Navy, 24% are from other United States services such as the Army, Air Force, Marine Corps, Coast Guard, NOAA, civilian labs, etc., and the remaining 17% are from allied foreign countries.

The faculty consists of approximately 350 professors, many of whom are internationally recognized in their respective fields. Two thirds of them are on a tenured track while the rest are adjunct professors; this arrangement allows the necessary flexibility to deal with variable demands. In order to keep abreast in their fields they are encouraged to do research beneficial to other governmental agencies. Over \$14 million of research is conducted or administered from this campus.

The School is administered by the Superintendent (RADM Robert C. Austin) who is assisted by a Provost. There are three civilian deans (Science and Engineering, Information and Policy Science, and Administration); two Navy Captains serve as the Director of Programs, and as the Director of Military Operations.

The following eleven departments comprise the Postgraduate School: Administrative Science, Mathematics, Computer Science, Operations Research, National Security Affairs, Physics, Electrical and Computer Engineering, Meteorology, Aeronautical Engineering, Mechanical Engineering, and Oceanography.

The School became an Echelon II Command in October 1983 and, as such, now reports directly to the Vice Chief of Naval Operations.

Guests are invited to visit the Naval Postgraduate School Museum located in the basement of Herrmann Hall. The museum is designed to capture both the history of the school and that of the Old Del Monte Hotel through displays and artifacts.

THE PLATFORM PARTY

NAVAL POSTGRADUATE SCHOOL ADMINISTRATION

Superintendent
RADM ROBERT C. AUSTIN, USN

Acting Provost
DR. KNEALE T. MARSHALL

Director of Programs
CAPT HOWARD VENEZIA, USN

Acting Dean of Information and Policy Sciences
DR. JAMES M. FREMGEN

Dean of Science and Engineering
DR. GORDON E. SCHACHER



First ROW (left to right)

Commander Leo T. Brogan,
CHC, U.S. Navy

Mr. Robert Herschede
Monterey Peninsula Council,
Navy League of the United States

Dr. Kneale T. Marshall
Acting Provost, Naval Postgraduate School

Rear Admiral Robert C. Austin,
U.S. Navy
Superintendent, Naval Postgraduate School

Vice Admiral Dudley L. Carlson,
U.S. Navy
Chief of Naval Personnel

Colonel Joe S. Johnson, Jr.,
U.S. Army
Commander, Bayonet Combat Support Brigade



Lieutenant Colonel Nicholas F. Carlucci,
U.S. Marine Corps
Deputy Director
12th Marine Corps District

Captain Richard V. Consigli,
U.S. Coast Guard
Chief of Operations Division
Pacific Area

Colonel Felix N. Courington,
U.S. Air Force
Director of Command and Control
Headquarters, 22nd Air Force, Travis AFB

Captain John K. Callahan,
NOAA
Chief of Staff



The Honorable Morris Fisher
Mayor of the City of Pacific Grove

Captain Howard Venezia,
U.S. Navy
Director of Programs,
Naval Postgraduate School

SECOND ROW

Dr. Carl R. Jones
Command, Control and Communications
Academic Group

Dr. Rudolf Panholzer
Space Systems Operations
Academic Group

Dr. R. Neagle Forrest
Antisubmarine Warfare
Academic Group

Dr. Joseph Sternberg
Electronic Warfare
Academic Group

Dr. Harold M. Fredricksen
Department of Mathematics

Dr. Karl H. Woehler
Department of Physics

Dr. Curtis A. Collins
Department of Oceanography

Dr. Uno R. Kodres
Department of Computer Science

Dr. Willis R. Greer
Department of Administrative Sciences

Dr. Peter Purdue
Department of Operations Research

Dr. Max F. Platzer
Department of Aeronautics

Dr. Anthony J. Healey
Department of Mechanical Engineering

Dr. John F. Powers
Department of Electrical and
Computer Engineering

Dr. James J. Tritten
Department of National
Security Affairs

THE AWARDS

MONTEREY PENINSULA COUNCIL NAVY LEAGUE AWARD FOR HIGHEST ACADEMIC ACHIEVEMENT — LIEUTENANT DAVID A. OLIVIER, USN

Presented to the graduating USN, USMC, or USCG officer who has maintained the highest academic grade average as a student at the Naval Postgraduate School.



NAVAL SEA SYSTEMS COMMAND AWARD IN ELECTRONIC WARFARE TECHNOLOGY — LIEUTENANT DOUGLAS VANCE LOWRY, USN

Presented in recognition of academic achievement in the Electronic Warfare Systems Technology Program to that graduate who has attained an outstanding academic record and who has exhibited outstanding leadership qualities.

CHIEF OF NAVAL OPERATIONS AWARD FOR EXCELLENCE IN OPERATIONS RESEARCH — LIEUTENANT SAMUEL R. WRIGLEY, USN

Presented semiannually to the outstanding USN or USMC graduate of the Operations Research Program on the basis of academic achievement, experience tour performance, thesis work, and demonstration of those qualities indicative of an outstanding military officer.



*UNITED STATES NAVAL INSTITUTE AWARD — LIEUTENANT EDWARD J. MAJEWSKI, JR., USN

Presented each quarter to that recipient of a master's degree in National Security Affairs whose achievement has significantly advanced professional, literary or scientific knowledge in the naval or maritime services.



MILITARY OPERATIONS RESEARCH SOCIETY GRADUATE RESEARCH AWARD — CAPTAIN STEPHEN H. RAPP, USMC and LIEUTENANT ROBERT M. HENNEGAN, USN

Presented in recognition of outstanding achievement in graduate research directed toward improving military force utilization. The primary award criterion is research which leads to demonstration of, or potential for increased operating effectiveness of currently available or near term assets.

REAR ADMIRAL GRACE MURRAY HOPPER AWARD FOR COMPUTER TECHNOLOGY — LIEUTENANT JON D. ALLEN, USCG

Presented to outstanding graduates on the basis of thesis quality, academic performance and demonstrated leadership ability in the study of computer technology.

CHIEF OF NAVAL OPERATIONS ANTISUBMARINE WARFARE AWARD — LIEUTENANT CECIL EUGENE DIGGS HANEY, USN

Sponsored by the National Security Industrial Association and presented in recognition of distinguished academic achievement to that ASW Curriculum graduate who has demonstrated outstanding academic performance and exhibited those qualities indicative of an outstanding naval officer.

NAVAL SEA SYSTEMS COMMAND AWARD IN NAVAL ENGINEERING — LIEUTENANT JOHN ELNITSKY, II, USN and LIEUTENANT JONATHAN CAREY IVERSON, USN

Presented in recognition of distinguished academic achievement in the Naval Engineering Program. The criteria for the award include demonstrated academic excellence measured by marks attained, contents of thesis and demonstrated leadership potential in Naval Engineering.



*CHIEF OF NAVAL OPERATIONS COMMUNICATIONS AWARD — LIEUTENANT DAVID CLARK ELY, USCG

Presented in recognition of distinguished academic achievement in the Communications Engineering or Telecommunications Systems programs to that graduate who has attained an outstanding academic record and who exhibits those qualities of an outstanding military officer.

*NAVAL SURFACE WEAPONS CENTER AWARD FOR EXCELLENCE IN SURFACE WARFARE TECHNOLOGY — LIEUTENANT CHARLES ANDREW KUZMA, USN

Presented semiannually to a U.S. Navy officer of high academic standing whose thesis topic and quality of supporting research demonstrate the greatest potential for contribution to Surface Warfare.

THE ARMY CHIEF OF STAFF AWARD FOR EXCELLENCE IN OPERATIONS RESEARCH — CAPTAIN JAMES E. DRAKE, USA

Presented semiannually to a U.S. Army officer student in the Operations Analysis program who possesses an outstanding academic record, including thesis and project work, and who demonstrates qualities indicative of an outstanding military officer.

* Presented in absentia

THE GRADUATES

THE PROGRAM

PROCESSIONAL The Marshals

Professor ALFRED W.M. COOPER Grand Marshal
Professor MILTON H. BANK Marshal
Professor DAN C. BOGER Marshal
Major TIMOTHY P. HUDSON, U.S. Marine Corps Marshal

NATIONAL ANTHEM* Navy Band San Francisco

INVOCATION* The Chaplain

INTRODUCTION OF SPEAKER The Superintendent

ADDRESS TO GRADUATES Vice Admiral Dudley L. Carlson

PRESENTATION OF AWARDS The Provost

PRESENTATION OF CANDIDATES .. The Department Chairmen

ANNOUNCEMENT OF DEGREES The Provost

BENEDICTION* The Chaplain

RECESSIONAL* Navy Band San Francisco

NOTES:

- RADM and Mrs. Austin cordially invite graduates, faculty and guests to a reception in honor of the graduates in the Barbara McNitt Ballroom immediately following the ceremony.
- The audience should remain seated except for the events marked with an asterisk (*).
- The audience is requested to hold their applause until the last graduate has crossed the stage.

MASTER OF ARTS IN NATIONAL SECURITY AFFAIRS

*CAPT DONALD J. HANLE, USAF
*LTCOL JAMES R. O'BRIEN, USAF
*CPT RANDY GEORGE DODDS, USA (With Distinction)
*CPT DOUGLAS EDWARD LATHROP, USA
*CPT GARY EDWARD WALKER, USA
*CPT KEVIN B. WALSH, USA
LT DENNIS ELLIS MITCHELL, USN

MASTER OF SCIENCE IN NATIONAL SECURITY AFFAIRS

*LCDR JEFFREY M. BUTTS, USN
LT DAVID M. COONEY, JR., USN
LT GAIL ALANE GRIFFIN, USN
*LT EDWARD J. MAJEWSKI, JR., USN
LT CATHY DARLENE WALTERS, USN

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

CAPT WILLIAM GLEN BASSETT, USMC
CAPT SCOT DAVID LLOYD, USMC (With Distinction)
CAPT FRANK DANA MAZUR, USMC
LTJG JOHN MARTIN SENYARD, USCG
CPT DAVID L. PETERS, USA
CHRIS G. BARTONE, DEPARTMENT OF DEFENSE
LT CHOI, IL YONG, KOREAN NAVY
LT LELAND GUY COLEMAN, USN
LT JOHN M. DUFF, USN
LT TRACEY ALAN FISCHER, USN
LCDR RICHARD JOHN KRANZ, III, USN
LCDR LEE, SANG SIK, KOREAN NAVY
LT STEPHEN EDWARD MARTIN, USN
LT HENRY KEVIN PURVIS, USN
LT REX G. PUTNAM, USN
LCDR MARK DOUGLAS RICKENBACH, USN
LCDR CHARLES LOWRY ROWE, JR., USN
LT WILLIAM JOSEPH ROZWOD, USN
LT JAMES WILLIAM RYAN, USN
LT MICHAEL A. ZIEGLER, USN (With Distinction)

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

LCDR RICHARD JOHN FORMISANO, USCG
MR. JOSEPH KIMWAH CHAN, NAVAL WEAPONS CENTER,
CHINA LAKE
LT JOHN ELNITSKY, II, USN (With Distinction)
LT JONATHAN CAREY IVERSON, USN (With Distinction)
LT DONALD JOSEPH LESTER, USN
LT KENNETH DALTON MICKELBERRY, USN
LT PAUL ANTHONY MUFFLER, USN
LCDR THOMAS JOSEPH MURPHY, USN
LT ALFREDO ORTIZ, COLOMBIAN NAVY
MAJ PARK, KI SOON, KOREAN AIR FORCE
CDR GREGORY RICHARD PATCH, USN
LT GARY PETER POTKAY, USN
LCDR AKHTAR SALEEM, PAKISTAN NAVY
LCDR GREGORY BRAN TODD, USN

MASTER OF SCIENCE IN AERONAUTICAL ENGINEERING

LCDR JAMES B. CRAWFORD, USCG
CPT GERALD J. HOPKINS, USA
MAJ RICHARD R. RYLES, USA
CPT JEFFREY N. WILLIAMS, USA (With Distinction)
MS. LISA J. COWLES, NAVAL AIR DEVELOPMENT CENTER,
WARMINSTER, PA
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CAPT KIM JU EON, REPUBLIC OF KOREA, AIR FORCE
LT JEFFREY SCOTT KUNKEL, USN (With Distinction)
LCDR JOSEPH W. SWEENEY, III, USN
LT BRUCE A. VANDENBOS, USN
LT CLIFFORD B. VAUGHT, USN
LT JIMMY D. WALKER, USN

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CAPT MICHAEL J. CONKLIN, USMC
CAPT PHILIP J. EXNER, USMC
CAPT STEPHEN H. RAPP, USMC
LT LANCE L. BARDO, USCG
CPT STEVEN M. ANDERSON, USA
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CPT KENNETH S. COLLIER, USA
CPT JAMES E. DRAKE, USA (With Distinction)
CPT MICHAEL J. GREEN, USA
MAJ TRENTON G. KEEBLE, USA
CPT MICHAEL J. LALLY, III, USA
CPT JAMES M. LEWIS, USA
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CPT JAMES C. NAUDAIN, USA
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CPT CURTIS SMITH, USA
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MAJ LAYNE A. VAN ARSDALE, USA
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LT DAVID S. BROUGHTON, USN
LT EDWARD L. BROWNEE, USN
LCDR DAVID L. BRUECK, USN
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AIR FORCE (With Distinction)
MAJ SEOK CHEOL CHOI, KOREAN ARMY
LT DAN W. DAVENPORT, USN
LT ROBERT M. HENNEGAN, USN
LT DEREK H. HESSE, USN (With Distinction)
LT ALAN R. KING, USN
LCDR ALEXANDER KUKLIANSKY, ISRAELI NAVY
(With Distinction)
LT JOHN M. LILLARD, USN
LT MICHAEL T. MALINIAK, USN
LT MICHAEL R. MARA, USN
LCDR JAMES P. MARSH, JR., USN
LT MICHAEL J. MCNISH, USN
CAPT JANG KYONG PARK, KOREAN AIR FORCE
CDR THOMAS W. ROSSLEY, SC, USNR
LCDR CHRISTOPHER P. SCHNEDAR, USN
CPT KLAUS SCHUSTER, FEDERAL REPUBLIC OF GERMANY,
AIR FORCE
LT ALVIN D. SEARS, USN
CPT RAINER SETH, FEDERAL REPUBLIC OF GERMANY, ARMY
LT MICHAEL R. SHUMAKER, USN
LT ELIZABETH A. STERNAMAN, USN
LT JAMES T. STEWART, USN (With Distinction)
LT JEFFREY B. TAUB, USN

CAPT HUN KIAT TAY, REPUBLIC OF SINGAPORE, ARMY
(With Distinction)
LT ROSS D. TELSON, USN
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LT MAX W. UNDERWOOD, USN
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CAPT JOHN DUNSTAN GUMBEL, USMC
LCDR JOHN CHARLES CORBETT, SC, USN
LT DAVID FRANK HITCHCOCK, USN
LCDR ROBERT LEO HOWARD, III, SC, USN
*LT DAVID MICHAEL MCDONALD, USN

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CDR EVAGELOS AGAPIOU, GREEK NAVY

MASTER OF SCIENCE IN INFORMATION SYSTEMS

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MAJ STEVEN JAMES GAFFNEY, USMC
CAPT DONNA A. GANZER, USMC
CAPT B. ALAN WHITEHOUSE, II, USMC
LT JON D. ALLEN, USCG (With Distinction)
LCDR SHERRIE S. ALY, USN
LCDR RONALD W. BRINKLEY, USN
LCDR ROBERT J. CLAREY, USN
LT WILLIAM ROBERT COX, USN
LT DAVID PAUL DINWIDDIE, CEC, USNR
LCDR THOMAS E. DOVE, USN
LT GLORIA D. DYER, USN
LT STEPHEN H. FRINK, USNR
LCDR THOMAS J. GADZALA, USN
LT GREGORY HIGHTAIAN, USN
*LT DENISE M. COPELAND, USN
LT TIMOTHY A. HOLLAND, USN
LCDR THOMAS J. HOSKINS, JR., USN
LT AMY L. HUGHES, USN
LT HOWARD C. KEESE, USNR
CDR WILLIAM T. KEY, USN
LT HEIDI R. LANG, USN (With Distinction)
LT ROLANDO M. LIM, USN
LCDR PETER L. LINDBERG, USN
LCDR STANLEY M. LISS, USN
LCDR SHAWN T. O'ROURKE, USN

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LT KAREN M. OVERALL, USN
LT TIMOTHY M. SEXTON, USNR
LT STEVEN L. SMITH, USN
LT NORA G. STEVENS, USNR
LT KAREN K. STRUBLE, USNR (With Distinction)
LCDR DANIEL H. WEBB, SC, USN (With Distinction)

MASTER OF SCIENCE IN COMPUTER SCIENCE

NELSON C. ARD, NAVELEXCEN, PORTSMOUTH, VA
LT DANA S. MAJORS, USN

MASTER OF SCIENCE IN METEOROLOGY AND OCEANOGRAPHY

LT MICHAEL E. BEASLEY, USN
LT TIMOTHY JOSEPH DOWDING, USN
LCDR GORDON H. FLEMING, CANADIAN NAVY
LCDR GARY R. LENNON, USN (With Distinction)
LCDR JAMES F. MUNDY, USN
LT JOHN J. MURRAY, USN
LT DAVID A. OLIVIER, USN (With Distinction)
LT DEBRA L. POFFENBERGER, USN (With Distinction)
LT FREDRICK M. TETTELBACH, JR., USN
LT ROBERT K. WEINHEIMER, USN

MASTER OF SCIENCE IN PHYSICAL OCEANOGRAPHY

LT CHUNG-MING FANG, TAIWAN (R.O.C.) NAVY

MASTER OF SCIENCE IN HYDROGRAPHIC SCIENCES

LT FRANKLIN E. OHLINGER, NOAA
LT FREDERICK W. ROSSMANN, NOAA
MR. DAVID F. PURDY, DEFENSE MAPPING AGENCY
LT CHIH-PING WANG, TAIWAN (R.O.C.) NAVY
LT TA-TE YU, TAIWAN (R.O.C.) NAVY

MASTER OF SCIENCE IN PHYSICS

LT ROBERT M. ROBINSON, USN

MASTER OF SCIENCE IN ENGINEERING ACOUSTICS

LT CECIL EUGENE DIGGS HANEY, USN (With Distinction)
CAPT MICHAEL LOUIS MUZZERALL, CANADIAN FORCES
LT JEFFREY THOMAS NEWMASER, USN

MASTER OF SCIENCE IN APPLIED MATHEMATICS

*COL ABDEL AZIZ AL-BASSIOUNI, EGYPTIAN ARMY
PATRICIA J. COLLINS, NAVAL POSTGRADUATE SCHOOL

**MASTER OF SCIENCE IN SYSTEMS ENGINEERING
(ELECTRONIC WARFARE)**

CAPT BRET CHARLES MERRIAM, USMC
CPT JOHN PATRICK KIMMEL, USA
LCDR ROGER A. ARROWOOD, USN
LT JAMES DOUGLAS BURNS, USN
LT LEE ALLAN CHEEKS, USN
LT J. WILLIAM CUPP, USN
LT JOHN M. DUFF, USN
LT SHAUN GILLILLAND, USN
LT JAY A. GUTZLER, USN (With Distinction)
LT DOUGLAS VANCE LOWRY, USN (With Distinction)
LT FREDERICK PAUL MCKENNA, JR., USN
LCDR CHRISTOPHER ROBIN PERRY, USN
LT JAMES EDWARD RUSSELL, USN
LT JOSE MESA TOVES, USN
LT DENNIS GEORGE WATSON, USN

**MASTER OF SCIENCE IN SYSTEMS TECHNOLOGY
(ANTISUBMARINE WARFARE)**

LT RICHARD THOMAS BURTON, USN
LT KENT LELAND COOPER, USN
LT DOUGLAS STEVEN DILLNER, USN
LT MICHAEL THANE FRANKEN, USN
LT STEPHEN WALLACE HAMPTON, USN
LT CECIL EUGENE DIGGS HANEY, USN (With Distinction)
LCDR STEVEN ALVA HARMON, USN (With Distinction)
LT GERALD FRANCIS HORTON, JR., USN
LCDR EDWARD CHANG LAPATING, USN
LT ROY DALE MALMBERG, USN
LT JEFFREY THOMAS NEWMASER, USN (With Distinction)
LT CHARLES WAYNE TISDALE, USN

**MASTER OF SCIENCE IN SYSTEMS TECHNOLOGY
(SPACE SYSTEMS OPERATIONS)**

CPT EDWARD JAMES APGAR, USA
CPT ROBERT MARK SCHMIDT, USA (With Distinction)
LT DENISE DILLON FITE, USN
*LT DANIEL H. GILDEA, USN
LT ROBERT O. GOODMAN, JR., USN
LCDR THOMAS M. JENNINGS, USN
LT MARK F. LANDERS, USN
LT COLLEEN MCFADDEN, USN
LT RIC N. MORGAN, USN
*LT J. MICHAEL MULCAHY, USN
LT PETER A. O'BRIEN, USN
*LT DEBRA L. PAULSON, USN

LCDR PATRICK J. SHARRETT, USN
LT CHERYL LYNN SPOHNHOLTZ, USN
LT ROBERT A. STobaUGH, USN
LT JOHN STEVEN WALLS, USN
LT WILLIAM J. WELCH, USN

**MASTER OF SCIENCE IN ELECTRICAL ENGINEERING
(SPACE SYSTEMS ENGINEERING)**

LT RICHARD L. STAATS, USN

**MASTER OF SCIENCE IN SYSTEMS TECHNOLOGY
(COMMAND, CONTROL AND COMMUNICATIONS)**

LT MARY SANFORD RUSSO, USN

ELECTRICAL ENGINEER

LT WILLIAM JOSEPH ROZWOD, USN

MECHANICAL ENGINEER

LT JOHN ELNITSKY, II, USN
LT JONATHAN CAREY IVERSON, USN
LCDR THOMAS JOSEPH MURPHY, USN
LT ALFREDO ORTIZ, COLOMBIAN NAVY

AERONAUTICAL ENGINEER

CPT JEFFREY N. WILLIAMS, USA

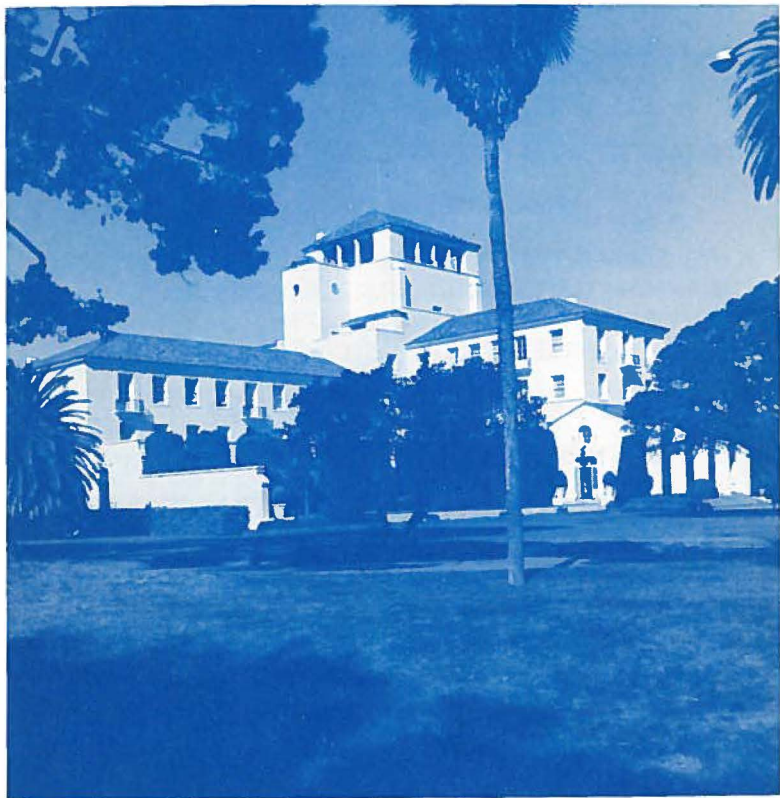
DOCTOR OF PHILOSOPHY IN ELECTRICAL ENGINEERING

COL AHMED FAHMY AMIN MAHROUS, EGYPTIAN AIR FORCE
COL ALAA ELDIN MOHAMED FAHMY ALI, EGYPTIAN
AIR FORCE

DOCTOR OF PHILOSOPHY IN ENGINEERING ACOUSTICS

LCDR DAVID L. GARDNER, NOAA

Those officers whose names are preceded by an * are being presented their degrees in absentia.



**THE ADMINISTRATION BUILDING
(FORMER OLD DEL MONTE HOTEL)**